

L Number	Hits	Search Text	DB	Time stamp
1	384	protrusion same pyramid	USPAT; EPO	2002/09/04 11:55
2	298	protrusion with pyramid	USPAT; EPO	2002/09/04 11:56
3	18	(probe or tip) with (protrusion with Pyramid)	USPAT; EPO	2002/09/04 12:15
4	9	quadrangle near pyramid	USPAT; EPO	2002/09/04 11:59
5	1	("6201226").PN.	USPAT; EPO	2002/09/04 12:00
6	7	("5260567" "5294790" "5354985" "5517280" "5546375" "5548117" "5770856").PN.	USPAT; EPO	2002/09/04 12:00
7	126	open\$3 near5 "100" near (nm)	USPAT; EPO	2002/09/04 13:37
10	5	("5294790" "5625617" "5638111" "5978326" "6011664").PN.	USPAT; EPO	2002/09/04 12:21
11	157	(probe or tip) near5 "100" near (nm)	USPAT; EPO	2002/09/04 15:34
14	6	("4604520" "4684206" "4725727" "5294790" "5353632" "5384464").PN.	USPAT; EPO	2002/09/04 12:43
41	5825	elast\$4 near support\$4	USPAT; EPO	2002/09/04 13:17
42	93	elast\$4 near support\$4 with (probe or tip)	USPAT; EPO	2002/09/04 13:17
43	9	("4343993" "47244318" "5132533" "5294790" "5304795" "53333495" "5343460" "5354985" "5581083").PN.	USPAT; EPO	2002/09/04 13:19
46	51	(probe or tip) near5 "100" near (nm) and @pd<19980308	USPAT; EPO	2002/09/04 13:40
47	1	((probe or tip) near open\$4) with "100" near (nm or nano?meter or nanometer)	USPAT; EPO	2002/09/04 13:40
48	11	((probe or tip) with open\$4) with ("100" near (nm or nano?meter or nanometer))	USPAT; EPO	2002/09/04 13:40
49	0	((probe or tip) with open\$4) with ("100" near (nm or nano?meter or nanometer)) and @pd<19980308	USPAT; EPO	2002/09/04 13:49
50	104	((elastic near support\$4) with ((light near emit\$4) or laser or tip or probe)	USPAT; EPO	2002/09/04 13:53
51	58	((elastic near support\$4) with ((light near emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 13:55
52	507	((elastic or flex\$4 or deform\$6) near support\$4) with ((light near2 emit\$4) or laser or tip or probe)	USPAT; EPO	2002/09/04 14:06
53	325	((elastic or flex\$4 or deform\$6) near support\$4) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 15:15
54	829	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe)	USPAT; EPO	2002/09/04 14:18
55	467	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308	USPAT; EPO	2002/09/04 14:21
56	20	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308) and 250/\$4.ccls.	USPAT; EPO	2002/09/04 14:21
57	36	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308) and 356/\$4.ccls.	USPAT; EPO	2002/09/04 14:26
58	35	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19980308) and 359/\$4.ccls.	USPAT; EPO	2002/09/04 14:27
59	1559	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light or laser or source)	USPAT; EPO	2002/09/04 14:48
60	43	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light) or laser or source) and 250/\$4.ccls.	USPAT; EPO	2002/09/04 14:22
61	1056	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light) or laser or source) and @pd<19980308	USPAT; EPO	2002/09/04 14:49
62	34	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light) or laser or source) and @pd<19980308) and 250/\$4.ccls.	USPAT; EPO	2002/09/04 14:49
63	35	((elastic or flex\$4 or deform\$6) near (supports4 or substrate)) with ((light) or laser or source) and @pd<19980308) and 356/\$4.ccls.	USPAT; EPO	2002/09/04 14:26

64	84	((elastic or flex\$4 or deform\$6) near (support\$4 or substrate) with (light) or laser or source) and @pd<19980308 and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 14:27
65	1351	((cantilever) with ((light) or laser or source) and @pd<19980308 and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 15:23
66	861	((cantilever) with ((light) or laser or source) and @pd<19980308 and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 14:49
67	159	((cantilever) with ((light) or laser or source) and @pd<19980308 and 359/\$4.cc1s.	USPAT; EPO	2002/09/04 14:50
70	366	((elastic or flex\$4 or deform\$6) near support\$4) with ((light near2 emit\$4) or laser or tip or probe) and @pd<19990308	USPAT; EPO	2002/09/04 15:16
71	67	((probe or tip) near5 "100" near (nm) and @pd<19990308	USPAT; EPO	2002/09/04 15:17
72	54	(open\$3 near5 "100" near (nm) and @pd<19990308	USPAT; EPO	2002/09/04 15:24
81	226	((cantilever) with ((light) or laser or source) with (detector or \$6detector)	USPAT; EPO	2002/09/04 15:23
82	122	((cantilever) with ((light) or laser or source) with (detector or \$6detector) and @pd<19990308	USPAT; EPO	2002/09/04 15:36
83	11	((probe or tip or protrusion) with open\$4) with "100" near (nm or nanometer)	USPAT; EPO	2002/09/04 15:35
84	1	((probe or tip or protrusion) with open\$4) with "100" near (nm or nanometer or nanometer) and @pd<19990308	USPAT; EPO	2002/09/04 15:36
-	15543	p near2 electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/09/04 11:55
-	17493	n near2 electrode	USPAT; IBM TDB	2002/02/28 07:51
-	5675	(p near2 electrode) with (n near2 electrode)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 07:51
-	1412773	substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:52
-	408	((p near2 electrode) with (n near2 electrode)) with substrate) and @pd>20000101	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 07:59
-	39	toshihiko near ouchi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:01
-	6	((p near2 electrode) with (n near2 electrode)) with substrate) and (toshihiko near ouchi)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 08:10

-	6164	"near field"	2002/02/28 08:12
-	21897	"optical head"	2002/02/28 08:13
-	57	"near field" near "optical head"	2002/02/28 08:13
-	60736	cantilever	2002/02/28 08:14
-	5	((p near2 electrode) with (n near2 electrode) with substrate) and cantilever	2002/02/28 08:16
-	22	((((p near2 electrode) with (n near2 electrode) with substrate) and "near field" (("521463" "5416790") .PN. 5141319.URPN. ("5294790") .PN. 5294790.URPN. (("5260567" "5294790" "5354985" "5517280" "5546375" "5548117" "5770856") .PN. 1245743 wire or wiring	2002/02/28 08:16
-	2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2002/02/28 08:22
-	14	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2002/02/28 08:24
-	1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2002/02/28 08:26
-	29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2002/02/28 08:26
-	7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2002/02/28 08:31
-	87	((wire or wiring) near (p near2 electrode)	2002/02/28 08:58
-	74	((wire or wiring) near (n near2 electrode)	2002/02/28 08:48
-	156	((wire or wiring) near (p near2 electrode) or ((wire or wiring) near (n near2 electrode))	2002/02/28 08:49

-	242	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near5 substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:46
-	43695	(electrode near (wire or wiring)) or (wire or wiring) near substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:51
-	204	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:51
-	13518	((electrode near (wire or wiring)) or (wire or wiring)) near substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:52
-	7	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:53
-	54036	((electrode near (wire or wiring)) or (wire or wiring)) near5 substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:53
-	58	((p near2 electrode) or (n near2 electrode)) with ((electrode near (wire or wiring)) or (wire or wiring) near5 substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 09:53
-	1	("6201226") .PN.	USPAT	2002/02/28 11:23
-	0	(p near electrode) and ("6201226") .PN.)	USPAT	2002/02/28 11:23
-	1993	((p near2 electrode) with (n near2 electrode)) with substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 11:41
-	15	((p near2 electrode) with (n near2 electrode)) with substrate) and (SNOM or evanescent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 11:56
-	1	((p near2 electrode) with (n near2 electrode)) with substrate) and (SNOM)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/28 11:56
-	29	5294790.URPN.	USPAT	2002/02/28 12:17

-	147	(250/201.3) .CCLS.	USPAT	2002/03/10 14:36
-	841	(250/234) .CCLS.	USPAT	2002/03/10 14:36
-	966	(250/306) .CCLS.	USPAT	2002/03/10 14:36
-	756	(250/307) .CCLS.	USPAT	2002/03/10 14:36
-	1880	surface near emit\$5 near laser with (tip or protrusion or open\$4)	USPAT; EPO	2002/08/28 08:39
-	54	(surface near emit\$5 near laser with (tip or protrusion or open\$4)	USPAT; EPO	2002/08/28 08:35
-	164	Shimada near Yasuhiro.in.	USPAT; EPO	2002/08/28 08:24
-	9	("4915482" "5485277" "5583643" "5677978" "5729641" "5858799" "6034809" "6201226" "6282005") .PN.	USPAT; EPO	2002/08/28 08:27
-	193	(surface near emit\$5 near laser with (detector or \$6detector)	USPAT; EPO	2002/08/28 08:37
-	156	(surface near emit\$5 near laser with (tip or protrusion or open\$4 or wave?guide or waveguide or cone or pyramid)	USPAT; EPO	2002/08/28 08:37
-	15	((surface near emit\$5 near laser with (detector or \$6detector) with (detector or \$6detector) with (tip or protrusion or open\$4 or wave?guide or waveguide or cone or pyramid)	USPAT; EPO	2002/08/28 08:36
-	122	(surface near emit\$5 near laser with (tip or protrusion or wave?guide or waveguide or cone or pyramid)	USPAT; EPO	2002/08/28 08:37
-	9	((surface near emit\$5 near laser with (detector or \$6detector) with (tip or protrusion or wave?guide or waveguide or cone or pyramid)	USPAT; EPO	2002/08/28 08:37
-	22010	((surface near emit\$4 near laser) or surface near3 laser)	USPAT; EPO	2002/08/28 08:45
-	22010	((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser))	USPAT; EPO	2002/08/28 08:47
-	493	((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) .with (probe or tip or protrusion)	USPAT; EPO	2002/08/28 08:48
-	44	((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion) with substrate	USPAT; EPO	2002/08/28 09:03
-	3	("5354985" "5346375" "5677978") .PN.	USPAT	2002/08/28 08:50
-	59	5354985.URPN.	USPAT	2002/08/28 08:51
-	81	Kuroda near Ryo.in.	USPAT; EPO	2002/08/28 09:03
-	6	(Kuroda near Ryo.in.) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion))	USPAT; EPO	2002/08/28 09:05
-	7	(Shimada near Yasuhiro.in.) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion))	USPAT; EPO	2002/08/28 09:10
-	5	((Kuroda near Ryo.in.) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion)) and ((Shimada near Yasuhiro.in.) and (((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)) with (probe or tip or protrusion))	USPAT; EPO	2002/08/28 09:10
-	1	("5354985") .PN.	USPAT; EPO	2002/08/28 09:44
-	0	((("5354985") .PN.) and ((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)))	USPAT; EPO	2002/08/28 09:45
-	1	((("5354985") .PN.) and laser	USPAT; EPO	2002/08/28 09:46
-	1	(("6156216") .PN.	USPAT; EPO	2002/08/28 09:46
-	0	((("6156216") .PN.) and ((VCSEL or (surface near emit\$4 near laser) or (surface near3 laser)))	USPAT; EPO	2002/08/28 09:46
-	1	((("6156216") .PN.) and laser	USPAT; EPO	2002/08/28 09:47